

PATENT

Docket No.: 16356.668 (DC-03278)

Customer No. 000027683

5

**INFORMATION HANDLING SYSTEM
WITH DYNAMIC INTERRUPT ALLOCATION APPARATUS AND METHODOLOGY**

Abstract of Disclosure

10
15
20

An information handling system is provided which includes a dynamic interrupt router for balancing interrupt assignments among a plurality of devices requesting interrupt assignments. The system balances interrupt assignments among both fixed devices mounted on the processor board and interrupt assignments to devices situated in expansion slots. When the system is populated with a large number of devices relative to the number of available interrupts, the interrupts are shared between devices which generates a high number of interrupts and devices which generate a lower number of interrupts.

a-125724.1